ABSTRACT

Method and system for a distributed

navigation system. The system comprises a client

integrated with a mobile communication device

5   (e.g. PDA, cellular telephone, etc.) and a server

communicating via wireless carriers and the

Internet. In one embodiment, the server obtains a

user's initial position, a user-designated destination,

and calculates a nominal route from the user's

10   initial position to the destination. If a deviation

from the nominal route is detected, the reroute tasks

are divided between the server and the client

according to a corridor area surrounding the

nominal route. Mapping information related to the

15   corridor area is stored in the client, and the amount

of the stored mapping information depends on the

storage and/or processing capabilities of the client.

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